SEQUENCE LISTING

<110> Fu, Rongdian
     Brenner, Sydney
     Albrecht, Glenn

<120> Method for Determining Relative Abundance
  of Nucleic Acid Sequences

<130> 55525-8049.US00

<140> Not Yet Assigned
<141> Filed Herewith

<150> US 60/235,940
<151> 2000-09-27

<160> 24

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 73
<212> DNA
<213> Artificial Sequence

<220>
<223> exemplary tag library

<221> misc_feature
<222> (1)...(73)
<223> n = A,T,C or G

<400> 1
agaattcggg ccttaattaa dddddddddd dddddddddd dddddddddd ddgggcccgc   60
ataagtcttc nnn   73

<210> 2
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(18)
<223> n = A,T,C or G

<400> 2
atcactngga tccnnnnn   18

<210> 3
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<400> 3
agaattcggg ccttaattaa   20

1

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<210> 4
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include phosphate group

<400> 4
atcgagagaa gagcgtgcac aggaa                                        25

<210> 5
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<400> 5
ttcctgtgca cgctcttctc tc                                           22

<210> 6
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include biotin

<400> 6
ttcctgtgca cgctcttct                                               19

<210> 7
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include phosphate group

<400> 7
atcctcagaa gagcgtgcac tccga                                        25

<210> 8
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<400> 8
```

tcggagtgca cgctcttctg ag   22

<210> 9
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include biotin

<400> 9
tcggagtgca cgctcttct   19

<210> 10
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include biotin

<400> 10
gacatgccty cattgagacg attctttttt tttttttttv   40

<210> 11
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> cDNA primer construct

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include biotin

<221> misc_feature
<222> (1)...(45)
<223> n = A,T,C or G

<400> 11
gacatgctgc attgagacga ttcttttttt tttttttttt tvnnn   45

<210> 12
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> cDNA primer construct

<221> misc_feature
<222> (1)...(37)
<223> n = A,T,C or G

<400> 12
gcattgagac gattcttttt ttttttttt tttvnnn   37

3

```
<210> 13
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> cDNA primer construct

<221> misc_feature
<222> (1)...(36)
<223> n = A,T,C or G

<400> 13
nnnbaaaaaa aaaaaaaaaa aagaatcgtc tcannn                                       36


<210> 14
<211> 61
<212> DNA
<213> Artificial Sequence

<220>
<223> cloning vector

<400> 14
ttaattaagg addddddddd dddddddddd dddddddddd dddgggcccg cataagtctt            60
c                                                                            61


<210> 15
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> synthetic spacer

<221> misc_feature
<222> (28)...(28)
<223> 3' nucleotide attached to a bead

<400> 15
tccttaatta actggtctca ctgtcgca                                               28


<210> 16
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> adaptor

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include phosphate group

<221> misc_feature
<222> (18)...(18)
<223> 3' nucleotide modified to include fluorescein dye

<400> 16
gatcacgagc tgccagtc                                                          18


<210> 17
<211> 14
<212> DNA
```

4

<213> Artificial Sequence

<220>
<223> adaptor

<400> 17
gactggcagc tcgt   14

<210> 18
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include biotin

<400> 18
agtgaattcg ggccttaatt aa   22

<210> 19
<211> 32
<212> DNA
<213> Artificial Sequence

<220>
<223> primer

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include fluorescein dye

<400> 19
gtacccgcgg ccgcggtcga ctctagagga tc   32

<210> 20
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> probe SID decoder

<400> 20
agaagagcgt gcacaggaa   19

<210> 21
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> probe SID decoder

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include two PEG chains
      and a Cy5 dye

<400> 21
ttcctgtgca cgctcttctc tc   22

5

```
<210> 22
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> probe SID decoder

<400> 22
agaagagcgt gcactccga                                                    19

<210> 23
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> probe SID decoder

<221> misc_feature
<222> (1)...(1)
<223> 5' nucleotide modified to include two PEG chains
      and a fluorescein dye

<400> 23
tcggagtgca cgctcttctg ag                                                22

<210> 24
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> 3' end of exemplary tag sequence

<221> misc_feature
<222> (1)...(16)
<223> n = A,T,C or G

<400> 24
nnnggatccg agtgat                                                       16
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